

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. DON04 P-945	SERIAL NO. 09/973320
	APPLICANT(S) Niall R. Lynam	
	FILING DATE 28/3	GROUP 28/3

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
EP2	5 8 6 4 4 1 9	1/26/99	Lynam	359	265	
EP2	5 6 8 0 2 4 5	10/21/97	Lynam	359	265	
EP2	5 3 5 5 2 4 5	08/11/94	Lynam	359	267	
EP2	4 6 0 9 6 8 8	09/02/86	Radisch et al.	523	169	
EP2	4 6 0 1 5 3 2	07/22/86	Musser et al.	350	1.1	
EP2	4 0 4 8 9 7 8	09/20/77	Plumat et al.	126	200	
EP2	5 9 8 6 7 9 7	11/16/99	Lynam			
EP2	6 1 2 2 0 9 3	09/19/00	Lynam	359	275	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA-TION
						Y N

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
EP2	U.S. Patent Application 09/418,525, filed October 14, 1999, entitled REDUCED ULTRAVIOLET RADIATION TRANSMITTING, SAFETY PROTECTED ELECTROCHROMIC GLAZING ASSEMBLY. Now US Pat. - 6,122,093

EXAMINER	EP2 DATE CONSIDERED 12-29-03
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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(Rev. 7-37) PATENT AND TRADEMARK OFFICE

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STATEMENT BY APPLICANT

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ATTY. DOCKET NO.

DOM04-P-945

APPLICANT  
Niall R. Lynam

SERIAL NO.



09/973320

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2873

U.S. PATENT DOCUMENTS

EXAMINER MARK	DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5	0	6	6	1	1	2	11/19/91	Lynam et al.	359	267	
	5	0	9	9	0	4	4	1/23/92	Daughman et al.	52	171	
	5	1	4	0	4	5	5	0/10/92	Varaprasad et al.	359	265	
	5	1	4	0	3	0	5	9/15/92	Byker	359	265	
	4	9	0	2	1	0	0	2/90	Byker	350	357	
	4	0	9	3	9	0	0	6/27/01	Wolf et al.	359	275	
	4	0	5	2	9	7	9	0/1/09	Agrawal	359	274	
	4	7	9	3	6	6	2	12/27/00	Perilloux	359	355	
	4	7	6	1	0	6	1	0/2/00	Nishiyama et al.	359	265	
	4	7	4	9	2	6	1	6/7/00	McLaughlin et al.	359	51	
	4	7	2	6	6	6	4	2/23/00	Tada et al.	359	275	

FOREIGN PATENT DOCUMENTS

EXAMINER MARK	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>[Signature]</i>	61 7 0 3 3	6/86	Japan	<i>[X]</i>	<i>[X]</i>		
	61 9 4 0 1 9	6/86	Japan			x	
	62 1 4 5 2 0 2	3/82	Japan			x	
	62 2 1 5 2 4 7	9/21/82	Japan			x	
	67 1 6 7 0 0 9	10/14/1982	Japan			x	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Signature]</i>	CRC Handbook of Chemistry and Physics, CRC Press, Inc., Boca Raton, Florida, pp. D-107, D-108 and C-735-745, 1980-01.
<i>[Signature]</i>	Tooley, P.V., Handbook of Glass Manufacture, Volume 1, Oxden Publishing Company, Copyright 1953, page 11.
<i>[Signature]</i>	"SAFLEX Polyvinyl Butyral Interlayer Laminating Guide", Monsanto Co., St. Louis, Missouri, February, 1980.

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Niall R. Lynam

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U.S. PATENT DOCUMENTS

EXAMINER MARK	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	INDEX DATE IF APPROPRIATE
<i>Ed</i>	4 6 7 6 0 1	6/30/07	Itoh et al.	359	30	
	4 6 7 1 6 1 9	6/9/07	Kaminori et al.	359	275	
	4 6 6 4 4 7 9	5/12/07	Miroshi	359	30	
	4 6 5 7 7 9 6	4/11/07	Musil et al.	420	30	
	4 6 3 2 0 7 7	12/30/06	Watanabe et al.	420	409	
	4 5 7 2 6 1 2	2/25/05	Reininger et al.	359	254	
	4 5 6 5 4 2 4	1/21/05	Hufbrun et al.	359	90	
	4 5 5 6 2 0 8	12/2/05	Sekimura	359	74	
	4 5 4 9 0 9 4	10/29/05	Araujo et al.	65	30.11	
	4 5 4 3 2 0 3	9/24/05	Curtze et al.	420	30	
<i>Ed</i>	4 5 3 3 6 0 1	8/6/05	Hennann et al.	420	437	

FOREIGN PATENT DOCUMENTS

EXAMINER MARK	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>Ed</i>	2 0 1 4 7	5/81	EPO				X
	2 4 0 2 2 5	10/87	EPO				X
	7 9 0 1 1	5/18/82	EPO			x	
	2 5 1 3 1 9 0	9/81	France			x	
<i>Ed</i>	2 7 3 2 7 2 7	3/78	Germany			x	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Ed</i>	"BUTACITE Polyvinyl Butyral Resin Sheetting Customer Specifications", E. I. DuPont de Nemours & Co., (Inc.); Wilmington, Delaware, October, 1984
<i>Ed</i>	"Smart Windows for Automobiles", SAE Technical Paper Series No. 900419; Niall R. Lynam, February 26, 1990 - March 2, 1990.
<i>Ed</i>	Fan, John C.C. and Radtner, Frank J. "Transparent Heat Mirrors for Solar-energy Applications" <u>Applied Optics</u> , Volume 15, No. 4, April 1976, pp. 1012-1017

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	APPLICANT Niall R. Lynam	
	FILING DATE 2873	GROUP 2873

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	TITLE	CLASS	SUBCLASS	FIGURE DATE IF APPROPRIATE
EML	4 5 2 1 0 7 2	6/4/05	Leenhouts et al.	359	74	
	4 5 2 1 0 7 0	6/4/05	Daeger	359	62	
	4 5 0 5 5 3 0	3/19/05	Toussaint et al.	359	274	
	4 4 9 6 6 1 1	1/29/05	Kawakubo et al.	420	425.5	
	4 4 3 5 0 4 0	3/6/04	Kaminori et al.	359	275	
	4 4 0 0 0 3 7	10/11/03	Kozaki et al.	359	79	
	4 3 1 0 0 0 0	7/6/02	Kaminori et al.	359	275	
	4 3 1 5 0 5 3	2/9/02	Poth et al.	420	423.7	
	4 2 6 0 1 2 6	5/19/01	Munford	359	36	
	4 2 1 2 0 0 0	11/4/00	Orain et al.	420	215	
4 2 1 0 5 0 0	0/19/00	Radisch	420	70		

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EML	"Anti-Lacerative Windshields - An Overview", SAE Technical Paper Series, 040300 by N.W. Johnston, S.H. Mesliczek and C.E. Ash, February 27-March 2, 1984.
	Ultraviolet Radiation, Second Edition, Lewis R. Koller, John Wiley & Sons, Inc., New York, 1965, pp. 4-7.
	"Chemicals and Additives" page 170, Modern Plastics Encyclopedia, 1988.

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(Rev. 7-77) PATENT AND TRADEMARK OFFICE

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ATTY. DOCKET NO.  
DON04 P-945-

SERIAL NO.  
090/923320

APPLICANT  
Niall R. Lynam

FILING DATE

GROUP 2873

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	4 1 2 2 5 2 6	5/10/79	Cheremko et al.	204	159.2	
	4 0 2 2 6 2 0	5/10/79	Deeg	65	30.13	
	3 2 1 1 1 0 7	1/20/76	Tu et al.	359	907	
	3 9 0 0 6 7 3	8/19/75	Mattimoe et al.	420	339	
	3 0 6 9 1 9 6	3/4/75	Kubota	359	63	
	3 0 6 7 1 7 5	2/18/75	Domite	359	507	
	3 0 0 6 2 2 9	4/23/74	Schoot et al.	359	273	
	3 4 1 3 0 5 9	5/13/69	Roxers	359	275	
	3 2 0 0 7 0 1	10/25/66	Donnelly et al.	359	267	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Signature]</i>	Preamble to Amendment to Motor Vehicle Safety Standard No. 205 -
	Glazing Materials (Docket No. 71-1; Notice 3), June 21, 1972
	"Electrochromic Automotive Day/Night Mirrors", Lynam, SAE Technical
	Paper Series, 870636, February 23-27, 1987.
<i>[Signature]</i>	The MERCK Index, an Encyclopedia of Chemicals, Drugs and
	Biologics, Tenth Edition, 1983, Page 150.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	EXPIRATION DATE IF APPROPRIATE
<i>EDJ</i>	5 1 1 5 3 4 6	5/19/92	Lynam	359	265	
<i>EDJ</i>	5 0 7 3 0 1 2	12/17/01	Lynam	359	265	
<i>EDJ</i>	5 2 3 9 4 0 6	8/24/95	Lynam	359	275	
<i>EDJ</i>	5 0 7 6 6 7 4	12/31/01	Lynam	359	265	
<i>EDJ</i>	5 5 2 3 8 7 7	6/4/96	Lynam	359	275	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	INVESTIGATION	
						YES	NO
<i>EDJ</i>	1 4 6 6 7 2 A	7/3/85	EPO				X
<i>EDJ</i>	1 1 2 4 6 9 1 A	1/17/86	Germany				X
<i>EDJ</i>	2 2 0 5 0 7 5 A	11/30/88	Great Britain				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>EDJ</i>	I. Haller, "Ultraviolet Protecting Coating", IBM Technical Disclosure Bulletin, Vol. 15, No. 5, October 1972, pp. 1723-24, New York, U.S.A.

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